

Momentive Performance Materials Addisil[®],ç 470 E Healthcare Extrusion Grade Heat Cured Rubber

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

Material Notes:

Heat cured rubber is a high consistency product that can be molded, extruded or calendered using conventional rubber processing equipment to meet a wide range of cost, durability and performance standards. Addisil 470 E is part of the Addisil Addition Curing portfolio. It is a platinum (addition/heat) curable, one-part, ready-to-use compound. This grade is suitable for extrusion and intended for application in the Healthcare industry.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-Addisil-470-E-Healthcare-Extrusion-Grade-Heat-Cured-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	
Tensile Strength	10.5 MPa	1520 psi	
Elongation at Break	500 %	500 %	
Tear Strength	41.0 kN/m	234 pli	Die B

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	transparent; thickness unknown

Compliance Properties	Metric	English	Comments
FDA	Yes	Yes	FDA Indirect food contact - Rubber articles intended for repeated use - FDA Reg 21CFR177.2600

Descriptive Properties	Value	Comments
Appearance	Transparent	
BfR	product is compositionally compliant	Recommendation XV Silicones; post cured (4h/200Â°C)
ISO10993	yes	7 ISO 10993 tests applicable to "wet" chemicals

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